

Clean Air Gun™ Series

400, 600 Amp MIG Guns

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400 Amp Clean Air Gun™



Bernard Clean Air Guns™ help create an efficient shop with reduced smoke and fumes regardless of your operation.

All Guns are Not Created Equal.

A MIG gun should be durable, easy to use and customized to your specific application. Our MIG guns put you in control: you choose the options you need and we'll build a gun to last.

Heavy-duty handles for durability.

45 degree bend for maximum feeding characteristics.

Chrome parts to resist spatter adhesion.

Adjustable vacuum chamber maximizes suction without affecting shielding gas and provides for efficient smoke collection.

Ideally suited for almost any heavy-duty MIG welding application.

Compatible with Centerfire™ series consumables for better arc starts, less spatter, more consistent welds and longer tip life.

	PART NO.	CABLE LENGTH	STD. LINER	WIRE SIZE	STD. TIP	STD. NOZZLE	STD. GAS DIFFUSER
400 Amp	CA410A-B	10' (3.05 m)	44115	.035" - .045" (0.9 mm - 1.2 mm)	7490	4492	4435
	CA415A-B	15' (4.57 m)					
	CA410B-B	10' (3.05 m)	44215	1/16" (1.6 mm)	7491	4591	4435
	CA415B-B	15' (4.57 m)					
600 Amp	CA610A-B	10' (3.05 m)	44115	.035" - .045" (0.9 mm - 1.2 mm)	7490	4492	4435
	CA615A-B	15' (4.54 m)					
	CA610B-B	10' (3.05 m)	44215	1/6" (1.6 mm)	1591	4591	4635
	CA615B-B	15' (4.57 m)					
	CA610C-B	10' (3.05 m)	45415	3/32" (2.4 mm)	1593	4591	4635
	CA615C-B	15' (4.57 m)					

Note: Bernard Clean Air Guns™ are only available with Bernard Quick Disconnect direct plug.

A minimum of 70 CFM @ 35" H₂O of air flow is required for efficient operation.

Made with
Pride and without
Compromise in the
USA

Bernard®

An Illinois Tool Works Company
449 West Corning Road, Box 667
Beecher, Illinois 60401 USA

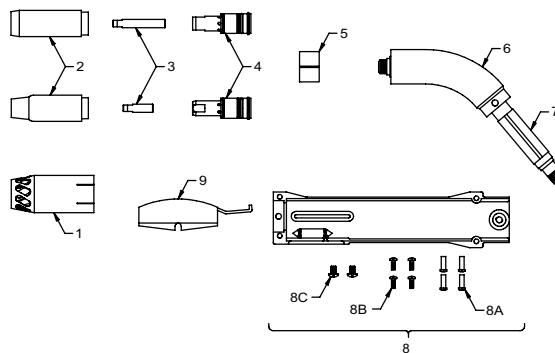
Phone: 800-946-2281 (US Only) 708-946-2281 (Outside US)
Fax: 708-946-6726
For more information, visit us at BernardWelds.com

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Replacement Parts List

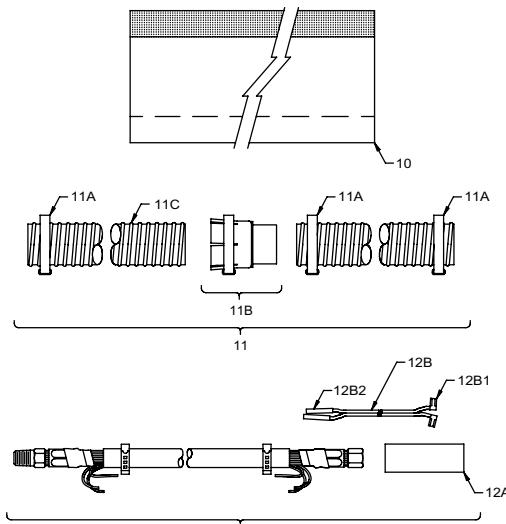
AIR COOLED GUN COMPONENTS

	400 Amp	600 Amp
1 Vacuum Chamber	1390006	1390008
2 Nozzle w/Insulator		See Nozzle Chart (below)
3 Contact Tip		See Tip Chart (below)
4 Gas Diffuser		See Diffuser Chart (below)
5 Spacer	2460016	2460015
6 Vacuum Tube (Smoke Shroud)	2390002	2390001
7 Body Tube	1040049	1040049
8 Handle Kit	1880037	1880037
8A Post Fastener	4207	4207
8B Screw	4209	4209
8C Trigger Screw	418	418
9 Trigger Assembly	422	422



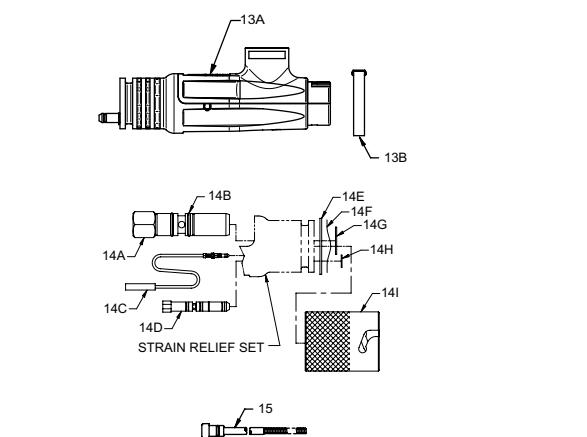
AIR COOLED GUN CABLE COMPONENTS

10	Cable Saver, 3'	See Cable Saver Chart (below)
11	Vacuum Hose Kit 10'	1880046 1880046
	Vacuum Hose Kit 12'	1880047 1880047
	Vacuum Hose Kit 15'	1880048 1880048
11A	Clamp, Headless	1520011 1520011
11B	Swivel Kit	1880036 1880036
11C	Vacuum Hose, 10'	18800013 18800013
	Vacuum Hose, 12'	18800014 18800014
	Vacuum Hose, 15'	18800015 18800015
12	Power Cable Assy, 10'	1880054 1880040
	Power Cable Assy, 12'	1880055 1880041
	Power Cable Assy, 15'	1880056 1880042
12A	Shrink Tube	9096 9096
12B	Lead Set	1130016 1130016
12B1	Flag Terminal	457 457
12B2	Butt Connector	4932 4932



AIR COOLED GUN DISCONNECT COMPONENTS

13A	Strain Relief	2520076	2520076
13B	Clamp	1520011	1520011
14A	Power Pin	2200008	2200008
14B	O-Ring (2 Required)	4929	4929
14C	Lead Wire (2 Required)	4924	4924
14D	Gas Pin Assembly	2060033	2060033
14E	Snap Ring, Large	4911	4911
14F	Wave Ring	4916	4916
14G	Snap Ring, Medium	4912	4912
14H	Snap Ring, Small	2250016	2250016
14I	Locking Sleeve	4925	4925
15	Liner		See Liner Chart (below)



Nozzles, Insulators, Assembled (Item #2)	Elliptical Tips (Item #3)	Heavy Duty Use w/4635 Head	Standard Use w/4435 Head	Liners (Item #16)	
				3/64", 15' Aluminum	43115X
1/2" Copper	4592	.023 (.6mm)	1597	.035 - .045, 15'	44115
3/4" Brass	4491	.030 (.8mm)	1588	1/16", 15'	44215
1/2" Brass	4492	.035 (.9mm)	1589	5/64", 15'	44315
3/4" Copper	4591	.039 (1.0mm)	1596	3/32", 15'	45415
		.045 (1.2mm)	1590	7/64", 15'	45615
		.052 (1.4mm)	1598	1/8", 15'	46715
Gas Diffusers (Item #4)		1/16" (1.6mm)	1591		
7400 Series Tips	4435	5/64" (2.0mm)	1592		
1500 Series Tips	4635	3/32" (2.4mm)	1593		
		7/64" (2.8mm)	1594		
		1/8" (3.2mm)	1595		
				Cable Cover (Item #10)	
				9' Leather w/Velcro	1860005
				13' Leather w/Velcro	1860008